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**Abstract**

A differential comprises a die formed housing having a spherical inner volume. A subassembly is disposed in the spherical inner volume of the housing. A die formed cover is fixedly attached to the die formed housing for enclosing the subassembly with the housing. A ring gear is connected to the housing for transmitting torque from a prime mover through the differential. The differential is both light and strong and reasonably inexpensive to manufacture.